

API OutputObjects Get v4

This is the latest version of the APIs.

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Get the specified outputObject.

Version: v4

Relevant terms:

Term	Description
outputObjects	An outputObject is a definition of one or more types of outputs and how they are generated. It must be associated with a recipe. NOTE: An outputObject must be created for a recipe before you can run a job on it. One and only one outputObject can be associated with a recipe.
writeSettings	A writeSettings object defines file-based outputs within an outputObject. Settings include path, format, compression, and delimiters.
publications	A publications object is used to specify a table-based output and is associated with an outputObject. Settings include the connection to use, path, table type, and write action to apply.

Required Permissions

NOTE: Each request to the Trifacta® platform must include authentication credentials. See *API Authentication*.

Request

Request Type: GET

Endpoint:

/v4/outputObjects/<id>

Endpoint with embedded references:

Within the returned outputObject, you can embed any writeSettings and publications objects that are associated with it:

```
/v4/outputObjects/<id>?embed=writeSettings,publications
```

Query parameter reference:

The following query parameters can be submitted with this endpoint:

Query Parameter	Data Type	Description
embed	string	Comma-separated list of objects to include part of the response.
includeDeleted	string	If set to true, response includes deleted objects.

For more information, see *API Common Query Parameters v4*.

Request URI - Example:

```
/v4/outputObjects/3/
```

Request Body:

Empty.

Response

Response Status Code - Success: 200 - OK

Response Body Example:

```
{
  "id": 3,
  "execution": "photon",
  "profiler": true,
  "isAdhoc": true,
  "createdAt": "2018-11-08T18:51:56.633Z",
  "updatedAt": "2018-11-08T18:52:44.535Z",
  "creator": {
    "id": 1
  },
  "updater": {
    "id": 1
  },
  "flowNode": {
    "id": 13
  }
}
```

Response Body Example with embedded reference:

The following example response includes embedded information on the writeSettings and publications associated with the outputObject:

```
{
  "id": 3,
  "execution": "photon",
  "profiler": true,
  "isAdhoc": true,
```

```

"createdAt": "2018-11-08T18:51:56.633Z",
"updatedAt": "2018-11-08T18:52:44.535Z",
"writeSettings": {
  "data": [
    {
      "delim": ",",
      "id": 4,
      "path": "hdfs://hadoop:50070/trifacta/queryResults/admin@example.com/POS_r01.avro",
      "action": "create",
      "format": "avro",
      "compression": "none",
      "header": false,
      "asSingleFile": false,
      "prefix": null,
      "suffix": "_increment",
      "hasQuotes": false,
      "createdAt": "2018-11-08T18:52:44.526Z",
      "updatedAt": "2018-11-08T18:52:44.526Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      },
      "outputObject": {
        "id": 3
      }
    },
    {
      "delim": ",",
      "id": 3,
      "path": "hdfs://hadoop:50070/trifacta/queryResults/admin@example.com/POS-r01.csv",
      "action": "create",
      "format": "csv",
      "compression": "none",
      "header": true,
      "asSingleFile": true,
      "prefix": null,
      "suffix": "_increment",
      "hasQuotes": true,
      "createdAt": "2018-11-08T18:51:56.871Z",
      "updatedAt": "2018-11-08T18:51:56.871Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      },
      "outputObject": {
        "id": 3
      }
    }
  ]
},
"publications": {
  "data": [
    {
      "path": [
        "default"
      ],
      "id": 1,
      "tableName": "POS_r01",
      "targetType": "hive",
      "action": "dropAndLoad",
      "createdAt": "2018-11-08T18:52:43.871Z",
      "updatedAt": "2018-11-08T18:52:43.871Z",
      "creator": {
        "id": 1
      },
      "updater": {
        "id": 1
      }
    }
  ]
}

```

```

    },
    "outputObject": {
      "id": 3
    },
    "connection": {
      "id": 1
    }
  }
]
},
"creator": {
  "id": 1
},
"updater": {
  "id": 1
},
"flowNode": {
  "id": 13
}
}

```

Reference

Property	Description
id	Internal identifier of the outputObject
execution	<p>The running environment on which the job was executed to generate the output. Possible values:</p> <ul style="list-style-type: none"> • <code>photon</code> - Job is executed on the Trifacta Photon running environment on the Trifacta node. This environment is suitable for small- to medium-sized jobs. • <code>spark</code> - Job is executed on the Spark cluster to which the Trifacta platform is connected. See <i>Configure for Spark</i>. • <code>emrSpark</code> - Job is executed on integrated EMR cluster. See <i>Configure for EMR</i>. • <code>databricksSpark</code> - Job is executed on the Azure Databricks cluster connected to the platform. See <i>Configure for Azure Databricks</i>. <p>For more information, see <i>Running Environment Options</i>.</p>
profiler	If <code>true</code> , a visual profile of the results is generated as part of the output.
isAdhoc	<p>Determines if the outputObject is included as part of any scheduled execution of the flow:</p> <ul style="list-style-type: none"> • <code>true</code> - outputObject is ad-hoc only, which means it is triggered only when a user manually runs a job on the wrangled dataset. • <code>false</code> - outputObject is included as part of any scheduled job run and can be manually triggered by a user.
createdAt	Timestamp for when the outputObject was created
updatedAt	Timestamp for when the outputObject was last updated
creator.id	Internal identifier of the user who created the object
updater.id	Internal identifier of the user who last updated the object
flowNode.id	Internal identifier of the recipe (wrangledDataset) with which this outputObject is associated

For more information on the writeSettings properties, see *API WriteSettings Get v4*.

For more information on the publications properties, see *API Publications Get v4*.